Specification

1/3" Sony Effio-E 960H Exview CCD Maximum 700TVL
1/3"Sony Color CCD 540TVL HQ1
1/3"Sony Color CCD 540TVL Low Lux 0.05Lux
1/3"Sony Color CCD 540TVL
1/3"Sony Color CCD 420TVL

Pixels	700/TVL	PAL:976*582	NTSC:976*494
	540TVL	PAL:795×596	NTSC:811×508
	420TVL	PAL:500×582	NTSC:510×492
Clock frequency	PAL:19.3125 / NISC:19.0699		
Scanning System	2:1Deinterlacing		
Minimum Ilumina-tion	0Lux		
Sync. System	Synchronization		
S/N Ratio	48 dB		
Electronic Shutter	PAL:1/50-1/100,000sec;NTSC:1/60-1/100,000		
Gamma Correction	0.45		
Video Output	1 Vpp,75 Ohms		
AGC	Auto		
Lens	4-9mm		
LED	36EA		
IR Distance	30 meters		
Power supply	DC12V 400mA, Adapter DC12V 1.5A		
Dimensions	96*96*63mm		
Weight	463g/pcs		
Operating Temperature	-10-45℃		

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User Manual

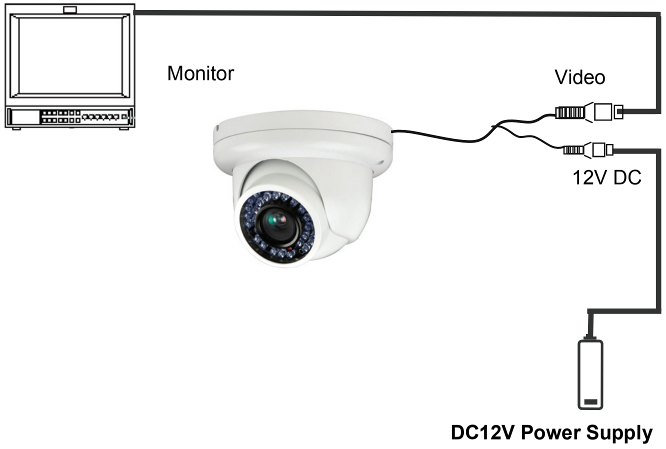
Vandalproof IR Dome Camera

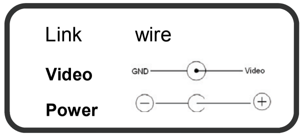


Notes: Before providing power for the camera, please read this User Guide in detail!

Do not attempt to disassemble the camera. If the camera can not work, please contact local franchiser or our company.

CONNECTING





Notes:

- The power supply must through safe attestation. Its output voltage、current、voltage polarity and operating temperature must match the camera's requirement.
- When using the camera in the thunderbolt condition, please note to mount Anti-thunder device or put off the power supply plug and cable.
- In order to capture high quality pictures, the power supply's cable and video output cable should not be too long.

PRODUCT IMAGE



TROUBLE AND SOLUTION

1. No Picture after providing power

. May be the power supply voltage abnormity, please check the power supply voltage and pole whether exactitude.

. Please check all the connecting cable and monitors whether be connected correctly or not.

2. The picture level direction have flowing interference ripples

. May be caused by the power supply AC ripples, it need filter the wave of the power supply.

. Check the monitor and peripheral equipments used.

3. The picture background color changes continuously

. The fluorescent lamp's electromagnetic field cause color roll. This is proper phenomenon of the cameras.

. Reduce the fluorescent lamp numbers or increase the distance between the camera and the fluorescent lamps can improve it.

. Use power supply external sync. camera can solve it.

4. The picture smear too mass

. The power supply's voltage unstable.

. Connecting cables not connect correctly or have high impedance.

INTRODUCTION

Congratulations on your purchase of this product. We adopt the latest SONY technical of sensor and driver. The most attractive characteristics are water-resistant, and widely applicable to day & night, indoor & outdoor. In addition, it owns the characters of high definition and stability, strong anti-jamming, rich and real color. Fixing and using this model are convenient too. It is very good for you to apply to yours CCTV system.

Please read this instruction manual carefully to ensure proper use of the product.

Warning: To prevent fire or shock hazarded. Do not expose the unit into water too long time directly.

The symbol is intended to alert the user to the presence of important operating and maintenance (servicing) Instructions in the literature accompanying the appliance.

The symbol is intended to alert the user to the presence of uninsulated 'dangerous voltage' within the product's enclosure that may be of sufficient Magnitude to constitute a risk of electric shock to persons.

CAUTION:

RISK OF ELECTRIC. DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER OR BANCK NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO OUALIFIED SERVICE PERSONNEL.

CAUTION:
To prevent electric shocks and risk of fire hazards, do NOT use other than specified power source.

Note:

- Please note the camera's operating temperature and its using environment requirement. Avoid using the camera at too high or too low temperatures. The operating temperature is -10℃-50℃. (Recommendatory operating temperature is -5℃--40℃.)
- Never make the camera face the sun or bright object. Oth-erwise, it will damage the CCD.
- Do not mount the camera near by the radiator or heater.